

Appln No. 10/645,812

Amdt date March 2, 2005

Reply to Office action of December 2, 2004

REMARKS/ARGUMENTS

Claims 1-17 are pending. Claims 1-4, 6, 7, and 9 are amended and new claims 10-17 are added.

The Examiner has not acknowledged the priority document that was filed May 20, 2004 (that is, box 12 of PTOL-326 is not checked). Acknowledgement of the above-mentioned priority document is respectfully requested.

The specification has been amended to correct typographical errors. No new matter is added.

Claims 1-4, 6-9 are rejected under 35 U.S.C. 102(b) as being fully anticipated by Muroyama et al. (US 2004/0108515A1), and claim 5 is rejected 35 U.S.C. 103(a) as being obvious over Muroyama in view of Ono (US 2001/0030507 A1). In view of the above amendments and following remarks, Applicants respectfully submit that the application is in condition for allowance, therefore, reconsideration and allowance of the application are respectfully requested.

The amended independent claim 1 includes, among other limitations, "forming an opening between each pair of the plurality of cathode electrodes at a portion of the overlap regions," and "a pair of emitters formed in the opening and electrically connected to the cathode electrodes." New independent claim 10 includes, among other limitations, "forming an opening between each pair of the plurality of cathode electrodes and exposing the insulation layer," and "a pair of emitters formed in the opening and electrically connected to the cathode electrodes." Muroyama does not teach or suggest the above limitations.

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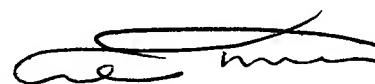
Rather, each opening portion 112 (FIG. 20) of Muroyama formed in the gate electrode 113 and the insulating layer 112, has only one "conical electron emitting portion 11." (Page 1, paragraph [0004], see also FIG. 9). In contrast, the present invention, as recited by claim 1 and 10, includes "a pair of emitters formed in the opening."

As a result of this, "the electron beams 13 are better concentrated on their intended phosphor layers 16 to illuminate the same." (Page 10, lines 2-5 of the Specification.). Consequently, independent claims 1 and 10 are not anticipated by Muroyama. Dependent claims 2-9 and 11-17 depend from claims 1 and 10, respectively are allowable as are claims 1 and 10, and for additional limitations recited therein.

In view of the foregoing amendments and remarks, it is respectfully submitted that this application is now in condition for allowance, and accordingly, reconsideration and allowance are respectfully requested.

Respectfully submitted,
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